

MICLES, A., BIRSAN, T.

Mechanization applied in the Jiu River valley mines. p. 413

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industrii Petrolului se
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiinfifica a Inginerilor
si Tehnicienilor din Rominia) Bucuresti, Rumania, Vol. 10, No. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC, VOL. 9, No. 2, Feb. 1960
Uncl.

Country : RUMANIA
Category : Cultivated Plants. General. II
Abs Jour : RZhBiol., No 6, 1959, No 24792
Author : Cilniceanu, S.; Miclea, Ye.
Inst : -
Title : Measures for the Increase of Agricultural Production in the Plain of Baragan.
Orig Pub : Probl. agric., 1958, no, No. 6, 22-35

Abstract : No abstract.

Card : 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800016-6

CARIADI, Lelia, dr.; MICLEA, Vasile, ing.; PODAR, Onofir, ing.

Installation for the automatic classification and determination of the
abrasive used in glass polishing. Industria usoara 9 no.2:48-52 F 162.

MICLEA, P., ing.; DIACONESCU, A., ing.

Technical and economic efficiency of fluorescent illumination in
salt mines. Rev min 14 no.5:210-214 My '63.

MICLEA, Mircea

How we support the canteen activity. Munca sindic 7 no.6:
-47-49 Je '63.

1. Membru al comitetului sindicatului de la Schela Baicoi,
responsabilul comisiei de cantina.

RUMANIA

VARTIC, Dr. N.; GEORGEANU, Dr. P.; and MICLEA, M., Veterinary Physician
(Faculty of Veterinary Medicine) (Facultatea de medicina veterinara,) Cluj.

"Treatment of Anthrax Abscesses"

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No. 5,
May 66; pp 70-73.

Abstract: [English summary modified]: Direct injection of antibiotics (streptomycin and penicillin in saline) was found more effective when injected directly into the abscess cavity than the standard parenteral treatment with the same drugs in several cases in large domestic animals. 5 Rumanian references.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800016-6

ZOSIN, P.; MICLEA, F.; MUNTEANU, M.

Allergic myocardial infarction. Rumanian med. rev. 19 no.3:
26-28 J1-S '65.

ZOSIN, P., conf.; MICLEA, F., dr.; MUNTEANU, M., dr.

Allergic myocardial infarct. Med. intern. (Bucur.) 16 no.12:
1477-1479 D '64

1. Lucrare efectuata in Clinica a II-a medicala, Institutul
Med., Timisoara (director: prof. A. Paunescu-Podeanu).

PAUNESCU-PODEANU, A., prof.; HARAS, I., dr.; MICLEA, F., dr.

Cholelithiasis and cancer of the gallbladder, with special reference to cholecystectomy as a means of preventing gallbladder cancer in lithiasic patients. Med. intern. 14 no.6:759-765 Je '62.

(CHOLELITHIASIS)

(GALLBLADDER NEOPLASMS)

(CHOLECYSTECTOMY)

PAUNESCU-PODEANU, A., prof.; MICLEA, F., dr.; CHIRTA, P., dr.

Methods of stimulating the action of corticoids in case of cortico-resistance. Importance of shock methods, especially of pyretic shock. Med. intern., Bucur 13 no.4:553-558 Ap '61.

(ADRENAL CORTEX HORMONES therapy)
(SHOCK THERAPY, INSULIN) (FEVER THERAPY)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F.,
dr.; MUNTEANU, M., dr.; MODULA, P., dr.; DINU, I., dr.; DANCAU, G.,
dr.; CHIRITA, P.

Phenylbutazone as an adjuvant in the therapy of myocardial infarct.
Med. intern., Bucur 13 no.4:533-539 Ap '61.
(MYOCARDIAL INFARCT therapy) (PHENYLBUTAZONE therapy)

PAUNESCU-PODEANU, A., prof.; ROTH, L., dr.; MICLEA, F., dr.; BALFAGEANU, O.,
dr.

Larval pulmonary forms of rheumatic infection in patients with mitral valve disease. Med. intern., Bucur 12 no.10:1513-1522 O '61.

1. Lucrare efectuata in Clinica a II-a medicala, Timisoara.
(RHEUMATIC FEVER case reports) (MITRAL VALVE dis.)

PAUNESCU-PODEANU, A., prof.; DINU, I.; MICLEA, F.

Conditioned reflex allergic urticaria. Rumanian M Rev. no.3:27-29 '61.
(REFLEX, CONDITIONED) (ALLERGY case reports)

PAUNESCU-PODEANU, A., prof.; GEORGESCU, I., dr.; HAMMER, A., dr.; MICLEA, F., dr.;
ROTH, L., dr.; DANCAU, G., dr.

Phenylbutazone in the treatment of phlebothrombosis. Some
new data on the mechanism of action. Med. int., Bucur. 12 no.1:
151-157 Ja '60.

1. Lucrare efectuata in Clinica a II-a medicala, I.M.F. Timisoara.
(THROMBOSIS, therapy)
(PHENYLBUTAZONE, therapy)

PAUNESCU-PODEANU, A., Prof.; UDROIU, V., dr.; CORCANU, G., dr.; MICLEA, F., dr.

Pathological correlations between the sella turcica and the
pituitary gland. Med. intern., Bucur. 11 no. 12: 1819-1824 '59.
(SELLA TURCICA, pathology)
(PITUITARY GLAND, pathology)

PANUNESCU-PODEANU, A.; BERINDEI, I.; MICLEA, F.; DANCAU, G.; FAICOIANU, A.;
SGAVIRDIA, C.; LAZAR, G.

Reactive episodic hypertension during the initial period of myocardial
infarct. Med. int., Bucur. 10 no.4:541-546 Apr 58.

(MYOCARDIAL INFARCT, manifestations
episodic hypertension, in early infarct)
(HYPERTENSION, etiol. & pathogen.
myocardial infarct, early stages)

RUMANIA

BAIES, I., Dr, Prof, CONTIU, I., Dr, MICLEA, E., Dr, ONET, E., Dr, POP, M., Dr, and MOLDOVAN, A., Dr, of the Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara) Cluj.

"Epizootiologic and Anatomic-Clinical Studies on Outbreaks of Aujeszky and Atypical Hog-Cholera Diseases."

Eucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 8, Aug 66, pp 42-48.

Abstract [Authors' English summary modified]: A study of two outbreaks of Aujeszky's disease in young and suckling pigs. The atypical nature of the symptoms is described; the anatomic-pathologic changes were characterized by inconsistent hemorrhagic diathesis. Economic losses as a result of a failure to reach a correct diagnosis promptly are pointed out, on the basis of one of the two described outbreaks in which hog cholera was also found.

Includes 6 figures and 5 references, of which 3 Rumanian and 2 French.

PARHON-STEFANESCU, Constanta; RODIN, Z.; MICLEA, Elena; HUHULEA, Teodora;
MIHAI, Elena.

Considerations on the relation between endocrine diseases and as-
thenic neurosis. Stud. cercet. endocr. 14 no.4/5/6:579-584 '63.

RUMANIA

NICLEA, E., Dr, of the Higher Council of Agriculture (Consiliul Superior al Agriculturii), BABESCU, N., Dr, President of the Maramures Regional Agricultural Council (Președinte al Consiliului Agricol Regional Maramures), and BADESCU, St., Eng, of the Selection Center of Sighet (Central de Selectie Sighet).

"The Zootechnical Exhibit of Sighet, a Means for Appreciating the Maramures Brown Cattle Breed."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 3, Mar 1963, pp17-21.

Abstract: Describes the Exhibit of September 1962 when the merits of this breed of cattle were evaluated in terms of the milk yield for the various farms and in various countries.

Includes 3 tables and 1 Russian, 1 Hungarian, 5 German and 3 Rumanian references.

1/1

RUMANIA

GIUHOVSCHI, N., Prof Dr, PINTEA, V., Dr, MICLEA, Crutalo, Dr, of the Agronomic Institute (Institutul Agronomic), Timisoara, and JICMAN, L., Radiologist, of the Bega Hospital (Spitalul Bega), Timisoara.

"Gestation Anomalies Seldom Found in Domestic Animals."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 6, Jun 63, pp 60-66.

Abstract [Authors' English summary modified]: Reports on 2 pig fetuses resulting from an extra-uterine gestation that were 2 to 4 months above the usual gestation period. Radiological investigation showed numerous malformations of the members. Also reports an analysis of 3 cases of over-gestation in cattle, with a 3-1/2 month age difference of the fetuses, and a case of Acardius amorphous twins of Holstein-Friese calves. Remains of the sacrum, the lumbar vertebrae and a rib fragment were identified radiologically. The monster's body consisted of adipose, fibrous and striated muscular tissue. Contains 1 graph, 7 figures and 5 references of which 2 French, 2 German and 1 Russian.

MICLEA, C.

RESEARCH/Cultivated Plants. Cereals.

Abstr Jour: Raf Zhur-Zich., No 17, 1958, 77574.

Author : Ivasi A.; Pallas, V.; Ivasan, I.; Zecescu, I.; Dumitrescu, M.; Miclea, C.; Pop, C.; Gheorghe, D.; Stancu, V.; Gheorghe, R.; Ivasan, A.; Stancu, Z.; Ivasan, S.; Zecescu, I.; Gheorghe, R.

Inst : On the Problem of Dividing Varieties of Winter Wheat and of Winter and Spring Barley and Oats into Districts.

Orig Pub: An Inst. cercetari agron., 1957, 24, No 5, 213-279.

Abstract: Results of a comparative study at experimental stations of the Scientific-Research Academy Institute of varieties divided into districts and the results of varieties obtained for 1949-1952. In regard to winter

Card : 1/3

5

wheat, good results were shown of the variety divided into districts "Chenad" 117 and the new varieties "Tyrol Prunus" 15, divided into the steppe and forest-steppe regions of Moldavia, and "Tyrol Prunus" 17. In the forest zones of Bessarabia and the steppe and forest-steppe regions of the valley. In the steppe and forest-steppe regions of the western part of Bessarabia, "Tyrol Prunus" 281, divided into districts in Bessarabia. As regards a barley variety, "Chenad" 395 is the most early maturing and frost resistant, is divided into all zones of cultivation of winter barley. As regards

Card : 2/3

spring barley, the best variety - "Tyrol Prunus" 240, is divided into districts in the steppe and forest-steppe regions of Bessarabia, Bessarabia, Moldavia and Ukraine, and "Tyrol Prunus" 17, which is divided into districts in all regions of Bessarabia and forest and in the forest zone of Bessarabia. As regards oats, the best variety - "Tyrol Prunus" 9, is divided into districts in the steppe and forest-steppe regions of Moldavia, in Dobruzha, Moldavia and Ukraine, and Bessarabia, which is divided into districts in the central part of Transylvania. -- A. P. Ghysciava.

Card : 3/3

6

MICLEA, C., ed.

Indreptar de lucrari practice de histologie. Redactat de C. Miclea (et al.)

Timisoara, Rumania, Litografia Institutului de Medicina, 1957. 3 pts. in 1 v.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 8, August, 1959

Uncl.

MICLEA, C.

RUMANIA/General Biology. Individual Development

B-4

Abs Jour : Ref Zhur - Biol., No 22, 1958, No 98912

Author : Ramniceanu C., Miclea C., Dragan M., Joju H.
 Inst : Rumanian Academy, Baza Timisoara
 Title : Effect of Morphine, Adrenalin and Sodium Luminal
 on Carbohydrate Metabolism During the Embryonic
 Period of Ontogenesis

Orig Pub : Ser. stiinte med., 1956, 3, No 3-4, 63-72

Abstract : In an experiment with chicken embryos in 4 to 5 day incubation periods after the administration into the chorioallantois of morphin (I), adrenalin (II) and Na Luminal III the content of glycerin was determined. Administration of I showed in the first half of embryonic development a weak and in the second half a strong anabolising effect. Administration of II and III during earlier periods of ontogenesis produced catabolising effect (provoking complete glycogenolysis)

Card : 1/2

RUMANIA/General Biology - Individual Development.

B-4

Abs Jour : Ref Zhur - Biol., No 15, 1958, 66742

Author : Rimniceanu, C., Miclea, C., Dragan, M.

Inst : Academy RPR.

Title : The Effect of Morphine Upon the Metabolism of Chick Embryo.

Orig Pub : Studii si cercetari stiint. Acad. RPR., Baza Timisoara,
Ser. stiinte med., 1956, 3, No 1-2, 49-53.

Abstract : The authors studied the effect of morphine upon the glyco-
genesis of liver in chick embryos, introducing morphine
every day in a dose of 0.05 ml, starting from the fourth
to the fifteenth day of the incubation, or just once during
the same period in a dose of 0.1 ml. A histo-chemical de-
termination of glycogen in the liver of the experimental
and control embryos showed that the morphine does not ef-
fect the liver glycogenesis in the first period of

Card 1/2

MICLEA, C

RUMANIA/General Biology. General Histology.

B-3

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71557

Author : Riminiceanu, C.; Miclea, C., Dragan, M.,
Covaci, L., Dinca, C.

Inst : Rumanian Academy, Timisoara Base.

Title : Morphological Changes of the Chondriome of
Embryonic Chicken Liver Cells under the
Influence of Morphine Introduction.

Orig Pub : Studii si cercetari stiint. Acad. RPR, Baza
Timisoara, Ser. stiinte med., 1956, 3, No
1-2, 39-48

Abstract : By investigating the quantitative and quali-
tative changes of the chondriome of embryonic
chicken liver cells under the influence of
daily (from the 4th to 15th day of incubation)

Card : 1/2

RIMNICANU, C.,; MICLEA, C.,; LUNGULESCU-DRAGAN, M.

Glycogenesis during development of the chick embryo. Bul. stiint.,
sect. med. 7 no.3:960-980 July-Sept 55

(EMBRYO

develop. of chick embryo, glycogenesis in)

(GLYCOGEN

glycogenesis during develop. of chick embryo)

MICLEA, Alexanaru, ing.; OLARU, Gheorghe, ing.

Device for checking the safety brake of extracting machines.
Rev min 12 no.5:216-218 My '61.

MICLEA, A.; CONSTANTINESCU, I.

Determining the dimensions of metallic props of the stone. P 140

REVISTA MINELOR. (Ministerul Minelor, Ministerul Industrii Petrolului si
Chimiei, Directia Exploatarilor Miniere si Asociatia Stiintifica a Inginerilor
si Tehnicienilor din Romania) Bucuresti, Romania. Vol. 10, no. 4, Apr. 1959.

Monthly List of East European Accessions (CEAI) LC. Vol. 8, no. 2, Sept. 1959.

Uncl.

1/1

RUMANIA

MICLE, S., Dr, of the "Tr. Savulescu" Institute of Biology (Institutul de Biologie "Tr. Savulescu") of the Academy of the Socialist Republic of Rumania (al Academiei Republicii Socialiste Romania).

"Genetic and Physiologic Aspects of the Dynamics of Serum Protein Levels in Young Cattle."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 16, No 12, Dec 66, pp 16-22.

Abstract [Author's English summary modified]: The author used paper electrophoresis to study blood serum protein levels in newborn to 90-day old cattle, and reports the dynamics of the various fractions in terms of age. The time when the calf organism starts its own immunoglobulin synthesis is determined and shown to be hereditarily determined. The possibility of a transient physiological hypogammaglobulinemia is suggested as a partial explanation for the greater sensitivity to infectious diseases of calves at certain ages.

Includes one table, one figure and 15 references, of which 10 Russian, one German and 4 English-language.

1/2

TEODOREANU, N.; DUICA, S.; MICLE, S.

Genetic methods of the evaluation of sires based on the progeny of the ovine species. Studii cerc biol anim 13 no.2:155-171 '61.

1. Membru corespondent al Academiei R.P.R. (for Teodoreanu).

(SHEEP BREEDING) (GENETICS)

TEODOREANU, N.; MICLE, S.; DUICA, S.; CIUREA, V.

Research on the histological modifications of the endocrine glands of gray albinic lambs. Studii cerc biol anim 13 no.1: 111-132 '61. (EEAI 10:7)

1. Membru corespondent al Academiei R.P.R.(for Teodoreanu)
(SHEEP) (GLANDS, DUCTLESS)

MICLE, S.; POPA L.; DUICA, S.

Electrophoretic study of the variation of proteic fractions in the blood serum of twin lambs in relation to the age and phenotypic aspect. p. 917

COMUNICARILE. Bucuresti, Rumania. Vol. 8, no. 9, Sept. 1958

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

FABIAN, A. (Cluj); MICLE, F., (Cluj)

Biology of the white water lily *Victoria regia*. *Natura Biologie* 16
no.4:79-81 J1-Ag '62.

ILLEGIBLE

GAVRILESCU, S.; MICLAUS, V.

Hydro-electrolytic changes in the course of certain neurological and
neurosurgical affections. Rumanian M Rev. no.4:50-54 O-D '60.
(WATER-ELECTROLYTE BALANCE) (NEUROLOGY complications)
(NEUROSURGERY complications)

YUGOSLAVIA

BOGOJEVSKI, D. and MICKOVIC, M. [Affiliation not given.]

"Content of Vitamin C and Carotene in Some Species of Indigenous Edible Plants,"

Belgrade, A, hiv za farmaciju, Vol 12, No 6, 1963; pp 525-528.

Abstract : Vitamin C and carotene were determined in 35 species of Yugoslav wild-growing plants. Usually, both compounds were either present in either high or low quantity in the same plant. Conclusion is that many wild plants may usefully be employed to complement cultivated food plants, especially during the winter and early spring seasons. Three tables; 2 Western and 2 Yugoslav references.

YUGOSLAVIA

I. MICKOVIC, Department of Pharmacodynamics, School of Pharmacy (Institut za farmakodinamiju Farmaceutskog fakulteta) University of Belgrade.

"Oral Antidiabetics."

Belgrade, Arhiv za Farmaciju, Vol 12, No 4, 1962; pp 272-278.

Summary: Review of the literature on sulfonylureas and biguanides: toxicity, metabolism, mode of action, clinical data, tolerance; structural formulae; 6 Yugoslav and 15 Western references.

YUGOSLAVIA/Human and Animal Physiology - Internal Secretion.
Hypophysis.

T-7

Abs Jour : Ref Zhur - Biol., No 18, 1956, 84325

Author : Lero, Jovanka; Mickovic, Lidija

Inst : -

Title : Effects of Extracts and Hormones Derived from Posterior
Hypophyseal Lobes upon Glycemia.

Orig Pub : Arkhiv farmats., 1956, 6, No 1, 13-14

Abstract : Rabbits were hypodermically injected with one unit of
oxytocin per each kg of their live weight. After 60-90
minutes symptoms of hypoglycemia were observed, which in-
creased gradually and then subsided after 3 hours to ini-
tial level. Pregnant women suffering from diabetes should
be given injections of pure oxytocin in preference to pi-
tuitrin which may cause an even greater increase of gly-
cemia. -- Ya.A. Dushkin

Card 1/1

MICKOVA, STANISLAVA

ZAHRADNICKY, Jiri, MUDr; SYRUCHEK, Lubomir, MUDr; BRUCKOVA, Marie;
JELINKOVA, Jarmila; MICKOVA, Stanislava, RDTA, Jiri, RNDr
SALACOVA, Jitka

Experience with serologic identification of beta hemolytic Streptococci during the period of 1950-1952. Cesk. hyg. epidem. mikrob.
2 no.4:291-300 Aug '53.

1. Ustav epidemiologie a mikrobiologie v Praze, red. doc. Dr Karel Raska.

(STREPTOCOCCUS,
hemolytic B, serol. typing)

MICKOVA, St.

HAVA, Milos; JELINEK, Jiri; SYRUCEK, Lubomir; PRUZEK, Frantisek;
Mickova, St.

Dynamics of hemolytic action of streptolysin O. Cesk. hyg. epidem.
mikrob. 2 no.2:120-125 Apr '53.

1. Z farmakologickeho ustavu Karlovy university a ustavu epidemiologie
a mikrobiologie v Praze.

(STREPTOLYSIN, effects,
hemolysis in rabbits)

(HEMOLYSIS,
by streptolysin O in rabbits)

NEKOVA, K.; SYROVA, K.

Author's name in Cyrillic: Некова, К.

Steroid derivatives. 51.00. 1971. 12. 11. 79. No. 1. 1172
by 1971.

1. Research Institute of Nitrocellulose, Prague.

MUCKOVA, R.; SYHORA, K.

steroid derivatives. 11. 33. Coll. Ci. Chem. 29 no. 10:1513-1521
C 164.

1. Research Institute of Natural Drugs, Prague.

RUMANIA / Virology--Viruses of Man and Animal; Viruses of Transmission Infections E

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 94862

Author : Mickolczy, Dezso, Csiky, Kalman, Vendeg, Vince, Abraham, Sandor

Inst : Not given

Title : Epidemic of Virus Encephalitis in the Summer-Autumn Period in Tirgu-Muresh in 1955 (the So-called Tick Encephalitis)

Orig Pub: Rev. med. (RPR), 1956, 8, No 4, 11-19

Abstract: No abstract.

Card 1/1

Formation and decomposition of...

25271

S/190/61/003/007/018/021
B101/B230

where w is the rate of oxidation, the activation energy of the accumulation of peroxides in the polymer was calculated to be 24 - 25 kcal per mole. The induction period observed may be reduced or entirely eliminated by previous accumulation of peroxides, e. g., by treating the polymer with ozone. It was found that the intrinsic viscosity (and therefore also the molecular weight) decreases with increasing concentration of peroxides, regardless to temperature, following the same rules. Decomposition of the peroxides in inert atmosphere takes place as a reaction of second order (Fig. 5). Dependence $1/[ROOH] = f(T)$ is a linear function. Activation energy calculated from the constant of destruction rate amounts to 27 kcal per mole. The same value results from the function $\log (1/t_{\max}) = f(1/T)$, where $t_{\max}$ is the time in which maximum concentration of peroxides is attained. V. B. Miller and M. B. Neyman are mentioned. There are 7 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet-bloc. The reference to English-language publication reads as follows: G. Natta, E. Beati, F. Severini, J. Polymer Sci., 34, 685, 1959.

ASSOCIATION: Chemical Institutes of the Slovakian Academy of Sciences,
Bratislava

Card 3/5

Formation and decomposition of... 45274

S/190/61/003/007/018/021
B'01/B230

and the iodine released titrated with hyposulfite. The change in molecular weight caused by oxidation was determined viscosimetrically in a decalin solution. Decomposition of peroxides took place at 90 - 120°C in nitrogen atmosphere in sealed ampuls. A study of the oxidation showed that the same was depending on the diffusion of oxygen in the film, herewith on the thickness of the film. At rising temperature, oxidation was faster than the rate of diffusion of O_2 in the film. Optimum film thickness

was found to be 0.1 mm. Fig. 2 shows the kinetic course of oxidation as a function of reaction time. For the initial phase of the reaction, the equation: $d[ROOH]/dt = \alpha[ROOH]$ (*) is put down, where α is the auto-catalytic factor, $[ROOH]$ is the concentration of peroxides determined experimentally after termination of time t . In the subsequent phases of oxidation α is not constant any longer. The empirical equation: $[ROOH]_t = \left[\lambda / (\beta - \gamma) \right] \left[\exp(-\gamma t) - \exp(-\beta t) \right] + [ROOH]_{init} \exp(-\beta t)$ (5) is quoted. α , β , γ are constants. For 100°C, and assuming $\lambda = 1.078$, $\beta = 0.11$, $\gamma = 0.038$, $[ROOH]_{init} = 0.385$, the curve was calculated and drawn into Fig. 2 as a dash line. From the linear dependences $\log w = f(1/T)$; $\log w = f(1/T)$,

Card 2/5

158061

E227

S/190/61/003/007/018/021
B101/B230

AUTHORS: Maňásek, Z., Berek, D., Mičko, M., Lazar, M., Pavlinec, J.

TITLE: Formation and decomposition of hydroperoxides of atactic polypropylene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 7, 1961, 1104
- 1109

TEXT: Reference is made to the fact that grafting of side chains and thus modification of polymers is possible by formation of macroradicals. Such macroradicals may be formed by decomposition of peroxides formed in the oxidation of polymers. The target of the present paper was therefore to study the conditions of the formation and decomposition of peroxides on the example of atactic polypropylene. Polypropylene was purified by repeated precipitation from an alcohol and isooctane solution by methanol and heating to 160°C in a nitrogen atmosphere. From a 3 % solution of polypropylene in isooctane, films 0.1 mm thick were produced on glass plates and oxidized by heating in air at 90 - 120°C. Determination of peroxides took place in nitrogen atmosphere. To the polymer dissolved in chloroform a saturated acetic acid KI solution was added.

Card 1/5

23775

Ozonization of atactic polypropylene

S/190/61/003/006/018/019
B110/B208

of the formation of unstable peroxides at equal total amount of peroxide oxygen, as the latter are exposed to a higher thermal stress. After 1000 hr at room temperature the hydrogenperoxide content decreases by 20 %, all peroxides, however, are already decomposed. There are 5 figures and 6 references: 2 Soviet-bloc and 4 non-Soviet-bloc. The reference to the English-language publication reads as follows: Ref. 3: Natta: J. Polymer Sci., 34, 696, 1959.

ASSOCIATION: Chemical Institute of the Slovakian AS, Bratislava

SUBMITTED: December 30, 1960

Card 4/8 21

23775

S/190/61/003/006/018/019
B110/B208

Ozonization of atactic polypropylene

insoluble after ozonization, the latter represent the oxidation initiator. Their oxidation rate is higher from the beginning of the reaction. They are probably formed by cross linking of polymer chains by peroxide groups, hydrogen peroxides and polymeric peroxides which are formed particularly on the film surface. At a certain temperature a maximum concentration of peroxide oxygen cannot be exceeded at arbitrary oxidation time. (Fig.3). Contrary to atmospheric oxidation, it does not decrease in the case of ozonization, the peroxide decomposition rate being equal to the formation rate. This maximum concentration approximately corresponds to the peroxide concentration in the insoluble part of the film. A dynamic equilibrium is assumed to be present in the system because of the destruction of the macromolecules. At a larger sample thickness the maximum peroxide concentration is attained more slowly. A 10 % content of insoluble fractions corresponds to a surface layer of 0.005 mm in a 0.1 mm thick sample. As in this case the formation of insoluble fractions sets in at once at beginning ozonization, the maximum concentration in small samples is attained more rapidly. At higher oxidation temperatures (39°C, 56°C) the insoluble fractions decrease. Presumably hydrogenperoxides are formed at the expense

Card 3/8 4

23775

8/190/61/504/006/018/019
5112/5108

Ozonization of atactic polystyrene

the water in the frame portions, and the solvents were evaporated. 32 mg ozone were formed per 1 mg of the polymer with 10,000 V and a flow rate of O_2 of 0.3 l/min. The peroxide was determined iodometrically, the viscosities in the capillary viscosimeter. Samples of different thickness were studied (Fig. 1) with the peroxide content depending on their thickness over the entire range. Later on, however, only 0.1 mm thick films were tested because of the required mechanical strength. Fig. 2 shows the effect of ozone concentration on peroxide accumulation. Fig. 3 illustrates the peroxide oxygen accumulation between 0 - 60°C. Viscosity tests on oxidized samples in dioxane indicate a partial destruction of the macromolecules. The samples were found to be incompletely soluble. Fig. 4 compares the intrinsic viscosities and the peroxide concentration during ozone and atmospheric oxidation. The content of insoluble components depends on time and temperature of ozonization. Ozone acts as an initiator. The increased reaction rate as compared with those of air or oxygen at low temperatures increases the difference between oxidation- and diffusion rate in the film. Surface and thickness considerably affect the rate of peroxide accumulation. As it is approximately proportional to the square root of the increase of the portions

Card 2/8 4

23775

S/196/61/003/006/018/019
B/10/B208

15.8107

AUTHORS: Lazar, M., Parlinar, I., Maňasek, Z., Miško, M., Berek, D.

TITLE: Ozonization of atactic polypropylene

PERIODICAL: Vysokomolekulyarnyye soedineniya, v. 3, no. 6, 1961,
943 - 947

TEXT: One type of polymer modification consists of an incorporation of functional groups which are bound to the principal chain. The peroxides or hydrogenperoxides obtained by ozonization may be important for the production of graft polymers. The authors studied the accumulation of functional hydrogenperoxide groups in atactic polypropylene by means of ozonization carried out quickly and at low temperature. After five-fold precipitation of polypropylene from isooctane by methanol it dissolved colorless in isooctane. Its intrinsic viscosity was 0.11 l/g (decaline, 25°C). To attain a quick oxidation the films were mounted on cylindrical glass frames. Atactic polypropylene dissolved in a mixture (1:1) of low-boiling benzene (boiling point 80°C) and isooctane was poured onto

Card 1/84

MICKO, Karel

How to realize a preventive care of quality? Podn org 18
no. 6:263-264 Je '64.

1. Technical Control Section of the Zavody V.I.Lenina National
Enterprise, Plzen.

23668

A/014/61/000/002/003/005
A205/A126

Soviet analyzers of

va zdravookhraneniya RSFSR (Institute for Work and Occupational-Disease Hygiene of the USSR Health Ministry) in Gorkiy no. 20 Semashko Street. The workshops of the Physical-Technical Institute in Leningrad produce on order an ultra-violet analyzer, which operates on the principle of photoelectric measuring of ultra-violet light (2.537 Angstrom) absorption in Hg vapor, and accomplishes one analysis within 1/2 - 1 minute. The instrument employs semiconductor diodes and triodes. Its scale is calibrated in 0 - 12 "mercury standards". (One "mercury standard", (according to GOST 5602-50) is the maximum permissible content of Hg vapor in the air, which is $10 \mu\text{g}/\text{m}^3$ or 10^{-6} mg/liter). The instrument has an accuracy of $\pm 5\%$ at full deflection, it is fed from a built-in "ZMT-7" 6 v battery and weighs 12 kg. There is 1 figure.

Card 2/2

23668
Z/014/61/000/002/003/005
A205/A126

9.6/110

AUTHOR: Micko, Karel, Candidate of Science

TITLE: Soviet analyzers of mercury vapors in the air

PERIODICAL: Sdělovací technika, no. 2, 1961, 72

TEXT: The article describes instruments for the detection of mercury vapor in the air, installed at Soviet research sites, which were observed by the author during his stay in Moscow. The most advantageous instrument is the "UGA-2" universal gas absorber. It operates on the principle of air being forced by an electric blower at a rate of 18 lit/min through an absorber filled with a suitable solution (iodine and potassium iodide). The air stream atomizes the absorbent, so that the poison is entirely trapped and samples can be taken within 6 minutes. The "UGA-2" can also be used for detection of other poisonous pollutions of the atmosphere (hydrogen sulfide, chlorine, sulfuric acid, tetraethyllead) by subsequent colorimetric analysis. The light-weight instrument is self-contained in a wooden box and can be purchased at a price of 1,800 Rubles at the "Institut gigieny truda i profbolezney Ministerst-

Card 1/2

MICKO, Igor

Experience with the use of dimethylaminophenyldimethylpyrazolone
in certain postoperative complications. Cesk.gyn.25[39] no.10:
764-768 D '60.

1. Porod.-gynek. odd. OUNZ v Rimavskej Sobote, prednosta MUDr.
I. Micko.

(AMINOPYRINE ther)
(GYNECOLOGY surg)

MICKIS, A.

USSR / Cultivated Plants. Medicinal Plants. Essen- M-5
tial Oil Plants. Poisonous Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73238.

Author : Kanopka, E.; Mickis, A.

Inst : Not given.

Title : Poisonous Plants - Aconite (Aconitum L.) and Cel-
andine (Chelidonium L.).

Orig Pub: Sverkatos Apsauga, 1957, No 8, 52-54.

Abstract: No abstract.

Card 1/1

166

Mickis, A.

USSR / Cultivated Plants. Ornamental Plants. 11

Abs Jour : Ref Zhur -- Biol., No 8, 1958, No 34903

Authors : Kanopka, E.; Mickis, A.

Inst : Not given

Title : *Arun maculatum*, Araceae Family

Orig Pub : Sveikatos apsauga, 1956, #8, 40-42

Abstract : No abstract

Card 1/1

MICKIEWICZ, Tadeusz, mgr inż.

Devices for inspecting the operation of signaling relays of the automatic code blocking system. Przegl kolej elektrotech 11 [i.e. 16] no.5:142-145 My '64.

MICKIEWICZ, Tadeusz, mgr inż.

Automatic code blocking system CNJJ type. Pt. 3. Przegl kolej
elektrotech 11 [i.e. 16] no.3:71-75 Mr '64.

MICKIEWICZ, Tadeusz, mgr inz.

CNJJ type automatic code blocking system. Przegl kolej
elektrotech 10 [l.e. 15] no.12:340-342 D'63.

MICKIEWICZ, Tadeusz, mgr inż.

Automatic CNJJ type code blocking. Pt.1. Przegląd techn.-
trotech 10 [1.6.15] no.11:122-126 N'63.

MICKIEWICZ, Tadeusz, inż.

Application of electronic elements in railroad signaling, Pt. 2.
Przegl kolej elektrotech 14 no.11:321-325 N '62.

MICKIEWICZ, Tadeusz, mgr inz.

Application of electronic elements in automatic railroad signaling.
Pt.1. Przegl kolej elektrotech 14 no.10:289-293 0 '62.

MICKIEWICZ, Tadeusz, mgr inż.

New technology in automatic safety control. Przegl kolej;
elektrotech 14 no.9 265-275 S '62.

MICKIEWICZ, Tadeusz, mgr. inz.

Influence of the electrification of the railroads upon the modernization of the safety installations of the railroad traffic. Przegl kolej elektrotech 14 no.5:156-3 of cover My '62.

MICKIEWICZ, Tadeusz, mgr inż.

Elements of the track circuits of the automatic blocking
system. Przegl kolej elektrotech 14 no.4:122-128 Ap '62.

MICKIEWICZ, Tadeusz, mgr inż.

Influence of traction current on track circuits of the automatic block system with constant feed. Przegl kolej elektrotech 14 no.2:58-61 F '62.

MITSKEVICH, T., [Mickiewicz, T.] inzh. (Varshava)

Device for setting-up switch and signal routes. Avtom., telem. i svyaz'
6 no.7:45-47 J1 '62. (MIRA 16:2)
(Railroads—Signaling)

MICKIEWICZ, Tadeusz, mgr.

Automatic train. Przegl kolej electrotechn 13 no.10:316-318 '61.

MICKIEWICZ, T., mgr inz.

Directives for systems and equipment of electric centers of
switches and signaling. Przegl kolej elektrotech 13
no.1:22-24 Ja '61.

MICKIEWICZ, T., and others

THE COB-58 system of automatic switching and signaling. Pt. 2. p. 283.

PRZEGLAD KOLEJOWY ELEKTROTECHNICZNY. (Wydawnictwa Komunikacyjne) Warszawa, Poland, Vol. 11, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

MICKIEWICZ, T.

Electric switchboards of the PB type. Pt. 9. p. 80.

PRZEGŁAD KOLEJOWY ELEKTROTECHNICZNY. (Wydawnictwa Komunikacyjne) Warszawa,
Poland, Vol. 11, No. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI) 16, Vol. 9, No. 2, Feb. 1959.
Unclass.

MICKIEWICZ, Leonid; MICKIEWICZ, Swietlana

Contribution to the diagnosis and surgical therapy of eversion
and stenosis of the lower lacrimal punctum. Klin. ozn. 33
no.1:57-61 1963.

1. Z Kliniki Okulistycznej Kursow Doksztalcania Lekarzy
Kazachskiego Instytutu Medycznego Kierownik: doc. L. Mickiewicz.
(LACRIMAL APPARATUS) (OPHTHALMOLOGY)
(SURGERY, OPERATIVE) (DIAGNOSIS)

LEDOCHOWSKI, Andrzej; LEDOCHOWSKI, Zygmunt; RADZIKOWSKI, Czeslaw;
WYSOCKA-SKRZELA, Barbara; KOZINSKA, Barbara; CZECHLOWSKA, Teresa;
MICKIEWICZ, Olcha; PAC-POMARNACKA, Elzbieta

Research on tumor inhibiting compounds. XI. Roczniki chemii
36 no.5:827-833 '62.

1. Department of Technology of Medicaments, Technical University,
Gdansk, Laboratory No.8. Institute of Organic Synthesis, Polish
Academy of Sciences, Gdansk, Department of Pathological Anatomy,
Medical Academy, Gdansk.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800016-6

M. MICKIEWICZ

"Possibilities of Practical Application of Geomorphological Research," by
M. Mickiewicz. Przegląd Geologiczny, No 5, Warsaw, May 56.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001033800016-6

MICKIEWICZ, M; CIECHANSKI, S.

Utilizing open mines; digging and piling clay. p. 154, Vol. 10, no. 6,

June 1955, MATERIALY BUDOWLANE

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EEAL), Vol. 4, LC, No. 9,
Sept. 1955, Uncl.

MITCZEWICZ, Leonid. doc.

V' Apropos of an external dacryorhinostomy technic. Klin. oczna
34 no.2:197-200 '64.

1. Z Katedry Chorob Oczu Instytutu Wychowania Lekarzy w
Alma-Atie (Kierownik: doc. L. Mackiewicz)

MICKIEWICZ, Leonid; MICKIEWICZ, Swietlana

Contribution to the diagnosis and surgical therapy of eversion
and stenosis of the lower lacrimal punctum. Klin. oczna 33
no.1:57-61 '63.

1. Z Kliniki Okulistycznej Kursow Doksztalcania Lekarzy
Kazachskiego Instytutu Medycznego Kierownik: doc. L. Mickiewicz.
(LACRIMAL APPARATUS) (OPHTHALMOLOGY)
(SURGERY, OPERATIVE) (DIAGNOSIS)

D.
MICKIEWICZ, Leonid; LEONTJEWA, Marija

Contribution to the surgical technic of shortening the muscle by means of folding in strabismus. Klin. oczna 32 no.4:341-344 '62.

1. Z Kliniki Okulistycznej Kursow Specjalizacji Lekarzy Kierownik:
doc. L. Mickiewicz przy Klinice Chorob Oczu Kazachskiego Instytutu
Lekarskiego Kierownik: prof. W. Roszczin.
(STRABISMUS) (OCULOMOTOR MUSCLES)

MICKIEWICZ, Leonid^D; LEONTJEW, Marija

A case of a live parasite in the crystalline lens in man. Klin.
oczn 32 no.1:59-62 '62.

1. Z Kliniki Kursow Doksztalcajacych dla Lekarzy Kierownik: doc.
L. Mickiewicz przy Katedrze Chorob Oczu Kazachskiego Instytutu
Lekarskiego Kierownik: prof. W.Roszczin.
(FILARIASIS case reports) (LENS CRYSTALLINE parasitol)

MICKIEWICZ, Leonid D.

Certain indications for figure-or-8 suture in ephthalmology. Klin. ocsna 30 no.1:75-77 '60.

1. Z Kliniki Ocznej Kursow Doskonalenia Lekarzy. Kierownik: doc. L.D. Mickiewicz przy Katedrze Olulistyki Panstwowego Kazachskiego Instytutu Medycznego. Kierownik: prof. W.P. Roszczin.
(SUTURES)
(EYELIDS surg.)

MICKIEWICZ, J.

Estimation of the common mean from samples from normal populations with different variances. Zastos mat 6 no. 1:119-126 '61.

MICKIEWICZ, Bronislaw, mgr inż.

Studies on the influence of water raising structures on the hydrological conditions and biocenotic changes of the adjacent territories. Gosp wodna 25 no.1: Suppl: Biul gosp wodn 6 no.1:37-38 Ja '65.

1. Department of Water Circulation Control of the Institute of Water Management, Warsaw.

MICKEVIC, N.

Epidemiology of ascariasis in the city of Kaunas and measures
for its control. Sveik. apsaug. 8 no.10:32-36 0'63.

1. Kauno SES parazitologijos skyrius.

*

KAMENSKY, Robert; MICKERTS, Ervin

Increasing the mold drying intensity by overpressure. Slevarenstvi 10
no.11:407-409 N '62.

1. Vitkovicke zelezarny Klementa Gottwalda, n.p., Ostrava - Vitkovice.

MICKA, V., MUDr. CSc.

New findings in the clinical morphology of tuberculosis of the locomotor system. Acta chir. orthop. traum. Cech. 32 no.2:123-125 Ap'65.

1. Oddeleni tuberkulozy a nemoci pohyboveho ustroji Obvodniho ustavu narodniho zdravi v Havlickove Brode (vedouci: MUDr. V. Micka, CSc.).

MICKA, V.

On the clinical morphology of tuberculosis of the locomotor system. Acta chir. orthop. traum. cech. 30 no.4:307-314
Ag '63.

1. Oddeleni tuberkulozy pohyboveho ustroji OUNZ v Havlickove Brodu, vedouci MUDr. V. Micka.

(TUBERCULOSIS, OSTEOARTICULAR) (OSTEITIS)
(SYNOVITIS) (OSTEOARTHRITIS) (TENOSYNOVITIS)
(MYOSITIS) (BURSITIS) (SARCOIDOSIS)
(RHEUMATISM)

MICKA, V.

On the morphological picture of hip tuberculosis. Acta chir. orthop. trauma. Cech. 28 no.6:513-518 D '61.

1. Oddeleni tuberkulozy a nemoci pohyboveho ustroji, OUNZ
Havlickuv Brod, prednosta MUDr. Vilem Micka.
(HIP dis) (TUBERCULOSIS OSTEOARTICULAR pathol)

MICKA, V.

Paralysis in tuberculosis of the spine. Cesk. neur. 24 no.2:97-103
Mr '61.

1. Oddeleni tuberkulozy a nemoci pohyboveho ustroji, OUNZ, Havlickuv
Brod Pracoviste Vyzkumneho ustavu organizace zdravotnictvi v Praze,
prednosta MUDr. V. Micka.

(TUBERCULOSIS SPINAL compl) (PARAPLEGIA etiol)

MICKA, V.; DVORAKOVA, R.

Treatment of congenital dislocation of the hip by means of Hilgenreiner's method. Analysis of the material and findings on the treatment of congenital dislocation of the hip. Acta chir. orthop. traum. cech. 27 no.1:79-84 F '60

1. Ortopedicke oddeleni OUNZ v Havlickove Brode, prednosta prim.
MUDr. V Micka.
(HIP fract. & disloc.)

MICKA, Vilem, MUDr.

Fundamental types of injuries in tuberculosis of locomotor organs.
Acta chir. orthop. traum. cech. 24 no.4:319-329 July 57.

1. Oddeleni tuberkulosity a nemoci kosti a kloubu, OUNZ Havlickuv Brod.
Lecebna tuberkulosity pohyboveho ustroji. Pracoviste vyzkumu posudkovych
kriterii v tuberkulose pohyboveho ustroji pro Vyzkumny ustav organisace
zdravotnictvi v Praze. Prednosta primar MUDr Vilem Micka.
(TUBERCULOSIS, OSTEOARTICULAR,
classif. (Cz))

EXCERPTA MEDICA Sec 15 Vol. 10/9 Chest Diseases Sept 57

2392. MIČKA V. *Vývoj léčebné péče a závažnosti tuberkulózy pohybového ústrojí v posledních padesáti letech. The development of therapy and severity of skeletal tuberculosis during the last 50 years ROZHL. TUBERK. 1956, 16/7 (329-341) Tables 5

The results of investigations into the severity of the disease and its residual disabilities show clearly, that the importance of healed tb of the spine is relatively slight. Greater disability was caused by tb of the hip and knee and particularly by other localizations e.g. shoulder, elbow, wrist, hands, ribs and long bones. The question arises with regard to bone and joint tb whether it is suitable to treat joints by ankylosis, or to preserve movable joints. Even though ankylosis marks the definite healing of the lesion, it is of great disadvantage throughout the life of the person affected. Even limited movement of the affected joint is always more useful to the patient. Joints suitably rehabilitated can have good function and power. The author's hospital abandoned bandages 10 yr. ago. Blumberg - Jevičko (XV, 9*)

MICKA, V., MUDr, Havlickov Brod

Classification of osteoarticular tuberculosis. Acta chir. orthop.
Traum. cech. 21 no.5-6:166-170 Dec. 54.
(TUBERCULOSIS, OSTEOARTICULAR,
classif.)

MICKA, V.

New concepts in the treatment of bones and joints tuberculosis.
Prakt. lek., Praha 31 no. 4:73-75 20 Feb 1951. (CLML 22:3)

1. Of the Department of Tuberculosis of Bones and Joints.

MICKA, V.

Biomechanics in contemporary orthopedic surgery. Acta chir. orthop.
traum. cech. 18 no.2:47-58 1951. (CJML 20:9)

1. Of the Department of Bone and Joint Diseases State Regional
Hospital in Havlickuv Brod. (Head--V.Micka, M.D.).

MICKA, Miroslav

Plastics and their use in the shoe industry. (Conclusion). Kozarstvi
12 no.12:361-367 D '62.

1. Vyzkumny ustav kozedelny, Gottwaldov.

MICKA, M.

Artificial leathers and their evaluation from the point of view of shoe-making. p. 15.

KOZARSTVI, Praha, Czechoslovakia, Vol. 9, no, 1, Jan. 1959

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10,
Oct. 1959
Uncl.

MICHA, K.

Some remarks on the technology of sewing and sewing materials.

p. 284 (Kozarstvi. Vol. 7, no. 9, Sept. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) IV. Vol. 7, no. 2,
February 1958

1
MICKA, M.

Effect of aminoresins on the resistance of vegetable-tanned leathers against the effects of sweat. p. 128.

(Kozarstvi. Vol. 7, no. 5, May 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

MICKA, M.

Textile lining parts for uppers. p.11. (Kozarstvi, Vol. 6, no. 1 Jan. 1956) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.